

Title (en)
COMPUTER-IMPLEMENTED METHOD AND SYSTEM OF TAMPER-EVIDENT RECORDING OF A PLURALITY OF SERVICE DATA ITEMS

Title (de)
COMPUTERIMPLEMENTIERTES VERFAHREN UND SYSTEM ZUR MANIPULATIONSSICHEREN AUFZEICHNUNG EINER VIELZAHL VON DIENSTDATENELEMENTEN

Title (fr)
PROCÉDÉ INFORMATIQUE ET SYSTÈME D'ENREGISTREMENT INVOLABLE D'UNE PLURALITÉ D'ÉLÉMENTS DE DONNÉES DE SERVICE

Publication
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Application
EP 17761940 A 20170731

Priority
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• US 2017044729 W 20170731

Abstract (en)
[origin: WO2018026727A1] A computer-implemented method and a corresponding system of tamper-evident recording of a plurality of service data items are provided. Each service data item is associated with a data item verification fingerprint. A processing routine is conducted, in which an aggregated verification fingerprint is computed from at least a plurality of data item verification fingerprints using at least one one-way compression function, so that the aggregated verification fingerprint has a bit length, which is less than a bit length of a concatenation of the data item verification fingerprints. The aggregated verification fingerprint is then stored in at least one blockchain, so that a tamper-evident verification of each service data item is possible, while the storage of the aggregated verification fingerprint is decoupled from the service data items.

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Designated contracting state (EPC)
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